Approved For Release 2003/01/24 : CIA-RDF63-00313A000500050102-9

25X1A

Α

7 Narch 1963

NAMES AND PARTY OF THE RESORT

SIMALUT

CKCART Engine Foreign Object Demage

- 1. There have been eleven instances of engine foreign object damage (FO) involving the i-12 sirpleme. Six of these have been repaired in the field. Five have been major in nature requiring that the engine be returned to Hartford for repair. The latest damage was sustained during ground running in airplane \$125 on 5 Harch 1963 after installation of protective inlet screens. Field reports indicate this damage to be since and already repaired.
- 2. Engine teardown inspection findings of four of the five engines sustaining major demage indicate that the damage was caused by one or more small hard metallic objects. Impressions left inside three of these four engines indicate the objects to be cylindrical with dissectors from 1/8 to 1/4 inches. In one of these latter three engines, the remains of a 1/4 inch dissector x 1/2 inch long belt was found.

Teardown inspection of one of the five engines sustaining major damage indicates that the primary damage was caused by a relatively large normetallic but firm object of from 1 1/2 to 2 1/2 inches in dissector which broke down rapidly upon impact.

3. Hight of the total eleven engines damaged to date were installed in sirplanes with not more than three hours flight time. Four of these eight commend in sirplanes prior to first flight. Attachment 1 summarises this history.

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	Development CSA-DD/	Division
DD/OSA/RODirel		_
Distribution:		
1-00/R		
2-AD/SA		
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Ownsary - Engine Fereign Object Damige - 7 March 1963

Instance	iodo) Sectivo	ngira ***Ini ********************************	Date F(f) Discovered	Airplane Ko. Installation	Facelle, Right or Left Hand	Extent of Conse	Alrplane Flight Hours	ingins Disposition		
1.	J-75	6120%	6/14/62	121		Nor	11	Cverbaul		
2.	J-775	र्गा ग ?	10/5/62	123		Najor	O	Cverhaul		
3.	J-58	erisos	Nov. 62	121	LH	Minor	44	*		
4.	J-75	614164	1/3/63	123	ř.H	Minor	41	Pleld Repair		
5.	J-58	648207	1/9/63	122	ESS	Hinor	1	Pield Repair		
6.	J-75	6150 33	1/16/63	124	SII	Hajor	3	Cverhaul		
7.	J-58	94:577	1/29/63	122		Hajor	1	Overhaul		
8.	J-58	44212	2/8/63	122	III	Hajor	2 1/2	Cverbaul		
9.	J-58	64.8204	2/13/63	125	M	Borderline	0	Field Repair		
10.	J-53	118570	2/13/63	125	I.B.	Borderline	0	Field Repetr		
11.	3-58	PT850 7	3/5/63	125		Maor	٥	Pield Repair		
No.										

[&]quot;This MOD discovered during routine overhaul. Date of last installed operation 9/14/62.

25X1A Handie via Centrol System

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